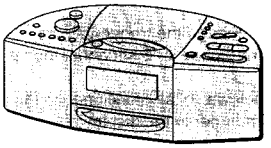
SONY

CD Clock Radio

ICF-CD803

Operating Instructions

Before operating the unit, please read this manual thoroughly and retain it for future reference.



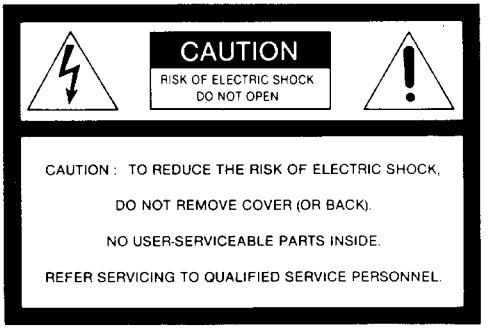
Owner's Record

The model number and serial number are located at the rear. Record the serial number in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. ICF-CD803 Serial No. _____

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

*The graphical symbols are at the rear of the set.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION

The use of optical instruments with this product will increase eye hazard.

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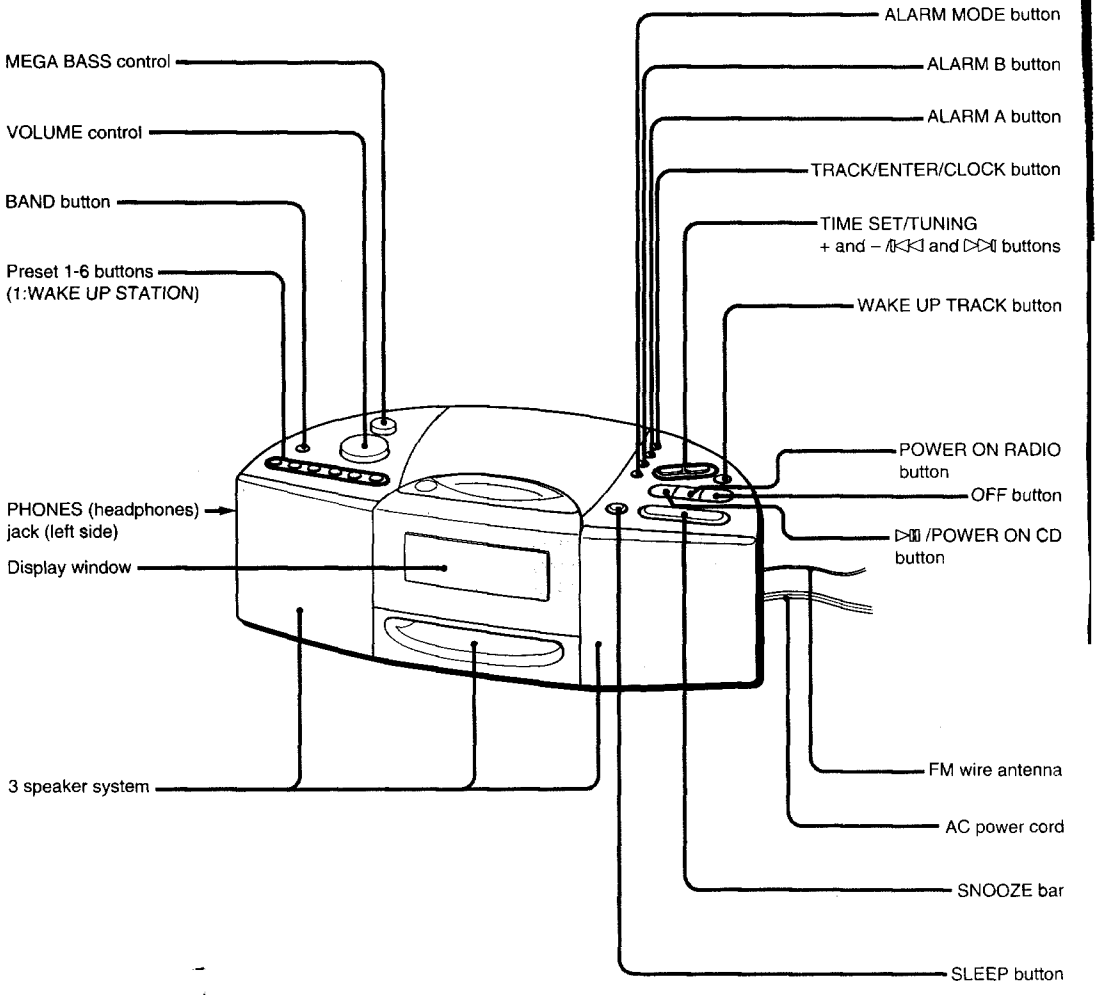
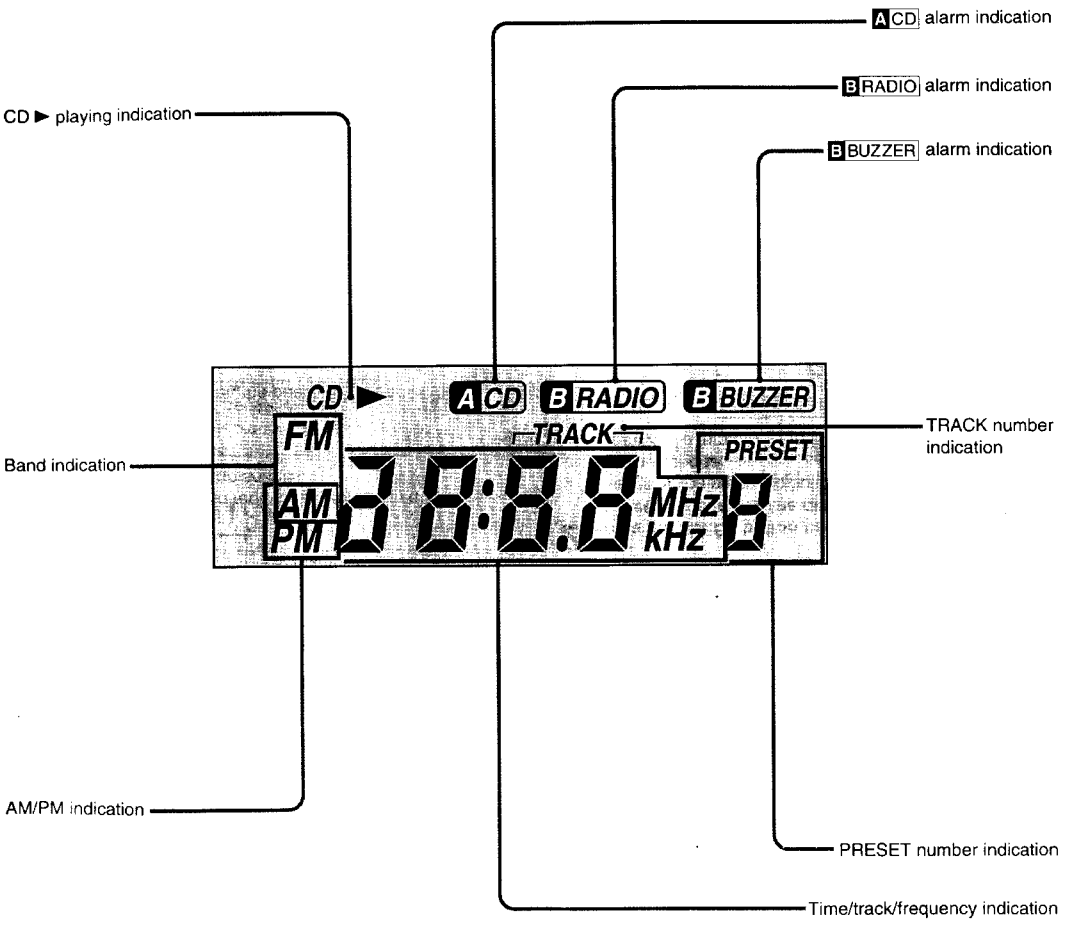
Location of Controls

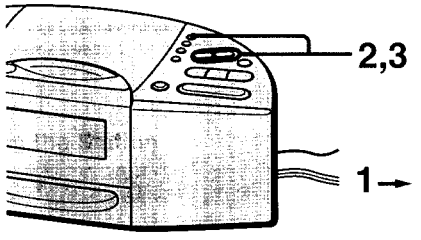


Display window

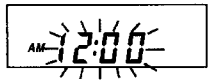


Setting the Time

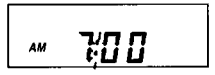
After connecting the AC power cord, be sure to set the time.



1 **Connect the AC power cord to a wall outlet.**
Time indication appears and flashes in the display window.



2 **While keeping the ENTER/CLOCK button pressed, press the TIME SET + or – button to set the time.**
The + button advances the hour and minute digits and the – button reverses them. Keep pressing the + or – button to advance or reverse the digit rapidly.



3 **Release the ENTER/CLOCK button.**
The clock starts operating.

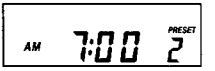
Zero second adjustment

At step 3, release the ENTER/CLOCK button with the time signal.

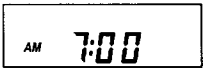
Note on the time indication

When the radio is on, the PRESET indication with the preset number appears in the display window.

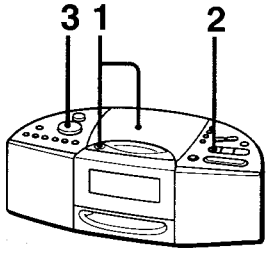
Radio is on.



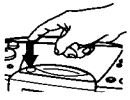
Radio is off.

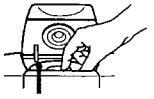


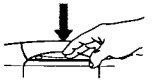
Playing a Disc —An 8cm (3-inch) CD can be played without an adaptor.



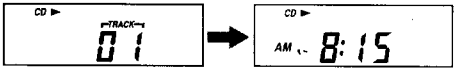
1 **Press PUSH to open the CD compartment lid and place a disc.**


PUSH


Label surface up


Close the lid

2 **Press the ▷II/CD button.**
The track number (01 to 99) appears in the display window.
After 5 seconds, the indication becomes the current time.
The CD ▶ indication remains.



3 **Adjust volume.**

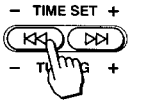
Notes on compact discs

This way	Not this way	Not this way
Handle the disc by its edge.	Do not touch the surface.	Do not stick paper or tape nor write anything on the surface.

Locating a Particular Portion

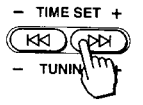
Locating a particular selection (AMS*)

To locate the beginning of the current selection



Press once.

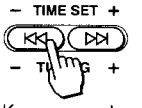
To locate the next selection



Press once.

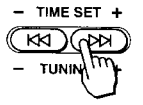
Locating a particular point in a selection (SEARCH)

To go back at high speed



Keep pressed.

To go ahead at high speed



Keep pressed.

* AMS is the abbreviation of Automatic Music Sensor.

Note on the AMS function

If you press ⏮ repeatedly, the player locates the previous selections.
If you press ⏭ repeatedly, the player locates the next selections and stops at the last selection.

To check the track number being played when the current time is displayed

Press the TRACK/ENTER/CLOCK button until the TRACK indication appears in the display window. The track number appears for 5 seconds.

To stop play

Press the OFF button.

To pause

Press the ▷II/CD button. The CD ▶ indication flashes. To resume play, press the ▷II/CD button again.

To eject a disc

Press PUSH.

Do not press PUSH during playing.

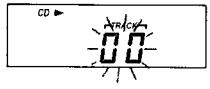
Otherwise, the disc will be damaged. Be sure to stop the disc first.

For private listening

Connect stereo headphones to the PHONES jack located on the left side.

Note

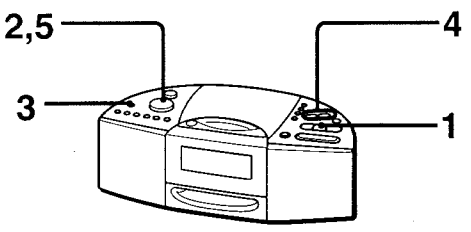
- When you press the ▷II/CD button, if there is no disc in the CD compartment, the track number 00 indication flashes three times and the unit will be turned off.



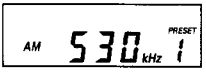
- If the A CD alarm times comes while listening to the CD, the track changes to that preset by pressing the WAKE UP TRACK button.

Setting the Alarm

Radio Operation (Manual Tuning)

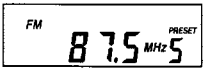


1 **Press the RADIO button.**
The band, frequency and the preset number of the station before the radio was turned off appear in the display window. After 5 seconds, the indication becomes the current time.



2 **Turn the VOLUME control a little to get sound.**

3 **Press the BAND button to select the band.**
FM and AM with the last frequency selected appears in the display window. After 5 seconds, the indication becomes the current time.



4 **Tune in the station you want by pressing the TUNING + or – button.**
The FM tuning interval is set to 0.1 MHz and the AM tuning interval is set to 10 kHz.
A beep sounds at the band edge.

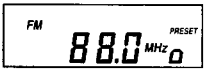
5 **Adjust volume.**

To turn off the radio
Press the OFF button.

To improve reception
FM: Extend the FM wire antenna fully to increase the FM sensitivity.
AM: Since the reception is affected by the position of the radio, rotate the unit horizontally for optimum reception.

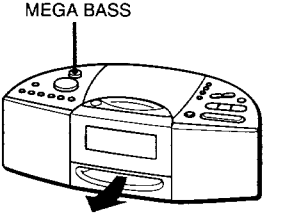
To check the station you are listening to
Press the RADIO button. The band and frequency appear for 5 seconds.

Notes
- When you turn on the radio or change the frequency, the display shows the band and frequency for 5 seconds, then it shows the current time.
- When you tune in the frequency which is not included in the preset stations, the PRESET number in the display shows **0** (out).



- If the B RADIO alarm time comes while listening to the radio, the station changes to that preset in number 1.

To Obtain Powerful Bass
Turn the MEGA BASS control.
The "MEGA BASS" system produces a powerful bass with the use of a bass reflex system added to a normal speaker system.



Powerful bass

Note
When using the headphones, the MEGA BASS control does not function.

Using the Sleep Timer

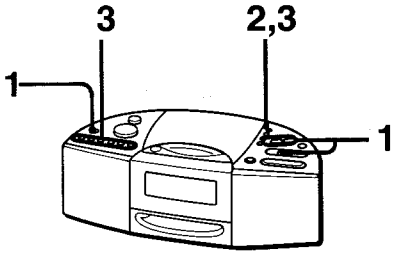
Radio Operation (Preset Tuning)

You can preset up to six FM/AM stations (one station for each number button 1 to 6).

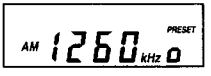
Note
When you use the radio alarm, preset the station you want for the alarm in preset button 1, as the PRESET 1 station is the wake up station.

Presetting the Station

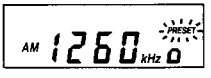
Example: To set AM 1260 kHz in preset button 2.



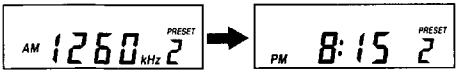
1 **Tune in the AM 1260 kHz (see "Radio Operation (Manual Tuning)").**



2 **Press the ENTER/CLOCK button.**
The PRESET indication flashes.



3 **Keep the ENTER/CLOCK button pressed and press the 2 button while PRESET is flashing.**
The 0 indication becomes 2 (the preset number) and the beeps sound.
The station is preset.
Though the indication becomes the current time after 5 seconds, the preset number remains.



4 **Repeat steps 1 to 3 for each stations to be preset.**

To change the preset station
Preset a new station in the number of which you want to change the station. The previous station is canceled.

Tuning in a Preset Station

1 **Press the RADIO button to turn on the radio.**

2 **Press the preset number button of the station.**
The band, frequency and preset number appear in the display window. After 5 seconds, the indication becomes the current time. The preset number remains.

To turn off the radio
Press the OFF button.

To check the station you are listening to
Press the RADIO button.
The band and frequency appear for 5 seconds.

Troubleshooting Guide

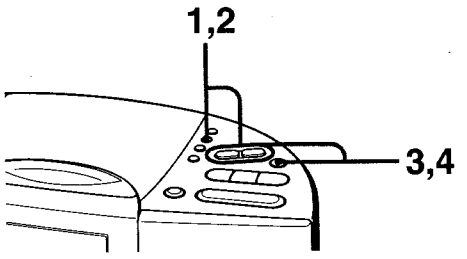
Setting the Alarm

You can set the CD, radio and buzzer alarms. The wake up station is that preset in number 1.

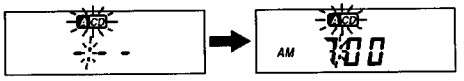
Setting the Alarm Time

You can turn on the CD player, radio or buzzer at the preset time.

Example 1: To set the A CD alarm time at 7:00 AM with CD track 5

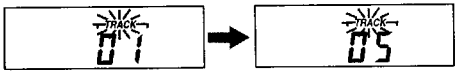


1 **While keeping the ALARM A button pressed, set the time by pressing the TIME SET + or – button.**



2 **Release the ALARM A button.**
The alarm time is set. The indication becomes the current time.

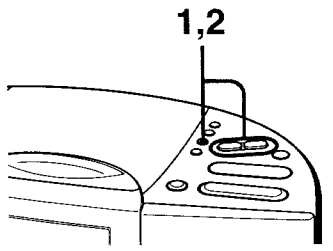
3 **While keeping the WAKE UP TRACK button pressed, set the desired track by pressing the ⏮ or ⏭ button.**



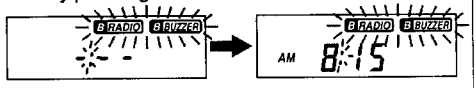
4 **Release the WAKE UP TRACK button.**
The track is preset.
The indication becomes the current time.

Note
When the CD player is preset to start with track 5, it will always start with track 5 even though you change the CD, unless you change the WAKE UP TRACK.

Example 2: To set the B RADIO / B BUZZER alarm at 8:15 AM



1 **While keeping the ALARM B button pressed, set the time by pressing the TIME SET + or – button.**

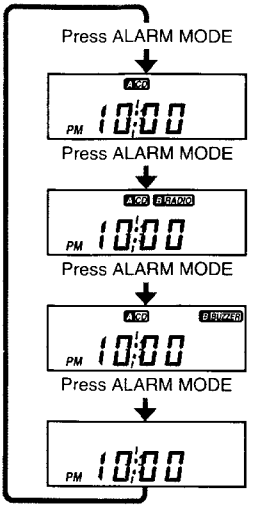


2 **Release the ALARM B button.**
The alarm time is set. The indication becomes the current time.

Note
The wake up station is the PRESET 1 station.
Preset the station you want for the radio alarm in preset button 1.

Setting the Alarm

Press the ALARM MODE button until the alarm you want appears in the display window.
Each time you press the button, the alarm indication changes as follows:



* If you set the CD alarm and radio or buzzer alarm at the same time, the CD alarm sounds.

Notes

- If there is no disc in the CD player, the beeps will sound at the time you set.
- The selected alarm sounds at the time you set, and automatically turns off after 60 minutes, unless you turn it off or you press the CD or RADIO button.
- When the CD alarm comes on, A CD indication flashes. If you want to stop flashing, press the CD button. The CD player will stop playing at the last track.
- When the radio alarm comes on B RADIO indication flashes. If you want to keep on listening to radio and stop flashing, press the RADIO button.
- The buzzer sound changes in three steps. It will become louder.

To stop the alarm

Press the OFF button.
The alarm will sound at same time the next day.

To cancel the alarm

Press the ALARM MODE button until A CD, B RADIO or B BUZZER does not appear in the display window.

Using the Snooze Alarm Function

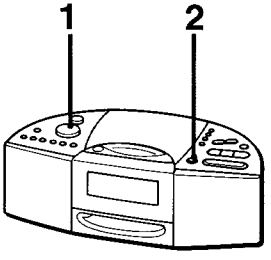
When you awake to the alarm but want to stay in bed for a few more minutes, press the SNOOZE bar.
The alarm will be silenced but will come on again after about 8 minutes. If you want to snooze more, press the bar again. You can use the snooze alarm function for about one hour.
When the snooze alarm function is operating, the

Using the Sleep Timer

By setting the sleep timer, you can fall asleep to the CD or radio sound. The CD or radio turns off after the preset time has passed.
You can set the sleep timer of 90, 60, 30 or 15 minutes.

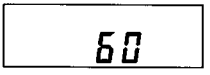
Setting the Sleep Timer

Place a disc and start playing. See "Playing a Disc".
Or, **turn on the radio** and tune in the desired station. See "Radio Operation".



1 Adjust volume.

2 Press the SLEEP button until the minutes indication you want appears in the display window.
Each time you press the button, the operation time becomes shorter.
Example: To turn off the radio after 60 minutes



The sleep timer is set and the indication becomes the track, or the band and frequency, then the current time after 5 seconds.

Sleep timer operation time

Press SLEEP	Indication	Operation time
once	90	90 minutes
twice	60	60 minutes
three times	30	30 minutes
four times	15	15 minutes

o Use Both Sleep Timer and Alarm unction

erate in the following order to fall asleep to the CD or radio und and be woken up by the CD/radio/buzzer alarm at the set time.

1 **Set the alarm.** (See "Setting the Alarm".)

2 **Set the sleep timer.** (See "Setting the Sleep Timer".)

Troubleshooting Guide

Should any problem occur with the unit, make the following checks to determine whether or not servicing is required. If the problem persists, consult the nearest Sony dealer.

The clock does not show the correct time.
- There was an electrical power interruption lasting for more than 15 minutes.

The CD player does not operate.
- Did you place a disc correctly?
  The disc should be placed with the labeled surface up.
- Did you close the compartment lid completely?
- Dusty or defective disc → Clean the disc with an optional cleaning cloth. Wipe the disc from the center out.

Skipping of sound in CD operation
- Dusty or defective disc → Clean the disc.
- Dirty lens → Clean the lens with a commercially available blower.
- Strong vibration

The CD, radio or buzzer alarm does not come on at the preset time.
- Did you set the current time correctly?
- Did you set the alarm time correctly?
- Did you place a disc?
- Did you close the CD compartment lid completely?
- Did you preset the station you want for the wake up station in preset button 1?
- Did you adjust the volume?
  If the volume is turned down completely, the CD or radio alarm is not heard.

Specifications

CD player section

System	Compact disc digital audio system
Laser diode properties	Material: GaAlAs Wavelength: 780 nm Emission duration: Continuous Laser output: Less than 44.6 µW (This output is the value measured at a distance of about 200 mm from the objective lens surface on the optical pick-up block.)
Frequency response	20 – 20.000 Hz $^{+1}_{-1.5}$ dB
Wow and flutter	Below measurable limit

Radio section

Frequency range	FM: 87.5 – 108.0 MHz AM: 530 – 1,710 kHz
Scan step	FM: 0.1 MHz (fixed) AM: 10 kHz (fixed)
Antennas	FM: FM wire antenna AM: built-in ferrite bar antenna

General

Speaker	Fullrange: 7.7cm (3 1/8 inches) dia. Super woofer: 9.2cm (3 5/8 inches) dia.
Power outputs	1.5 W + 1.5 W (at 10% harmonic distortion) Super woofer: 3 W
Output	Headphones jack (stereo mini jack) 10 mW + 10 mW, 32Ω
Power requirements	120 V AC, 60 Hz
Dimensions	Approx. 343 x 124 x 184 mm (w/h/d) (Approx. 13 5/8 x 5 x 7 1/4 inches)